EuroAudioteam, s.r.o.

INSTRUCTIONS FOR USE
EAT E-Flat

Dear Music Lover,

Welcome! Congratulations on your purchase of our EAT E-Flat turntable. Your EAT E-Flat was hand-crafted by our team of skilled technicians. It has been tested rigorously and is ready for your enjoyment.

Please take the time to read this manual carefully, to ensure that you obtain the ultimate performance from your EAT E-Flat turntable. The tips contained within will ensure that your Forte will remain as-new condition for many years to come!

Your EAT Consultant is:

Serial Number:

EAT E-Flat

Your contribution to environmental protection.

Disposal of packaging material:

Packaging protects the device from damage during the transportation. The packaging materials were chosen with the regard to the environmental protection and they are therefore recyclable.

Disposal of old equipment:

For the disposal of old equipment use a junk place appointed for that purpose.

Controls, features, connections and parts of the turntable:

1 Sub Platter

2 Sub Platter shaft

3 Pulleys of the motors

4 Drive belt

5 Platter

6 Tightening disk – or record clamp

7 Plinth or chassis of the turntable

8 Tonearm

9 Cartridge

10 Tonearm pivot point

11 Isolation connector

12 Plug for the isolating connector

13 Antiscating disc

14 Antiscating rider

15 Hang up of the antiscating

16 Fixng screw for the antiscating hair

17 Adjustable feet

18 Counterweight

19 Cunterweight matrix – or nut

20 Tonearm lift

21 VTA building screw

22 Lift lever

23 Tonearm support

24 Jack holder

25 Antiscating weight

26 Turntable power connection

27 Signal output

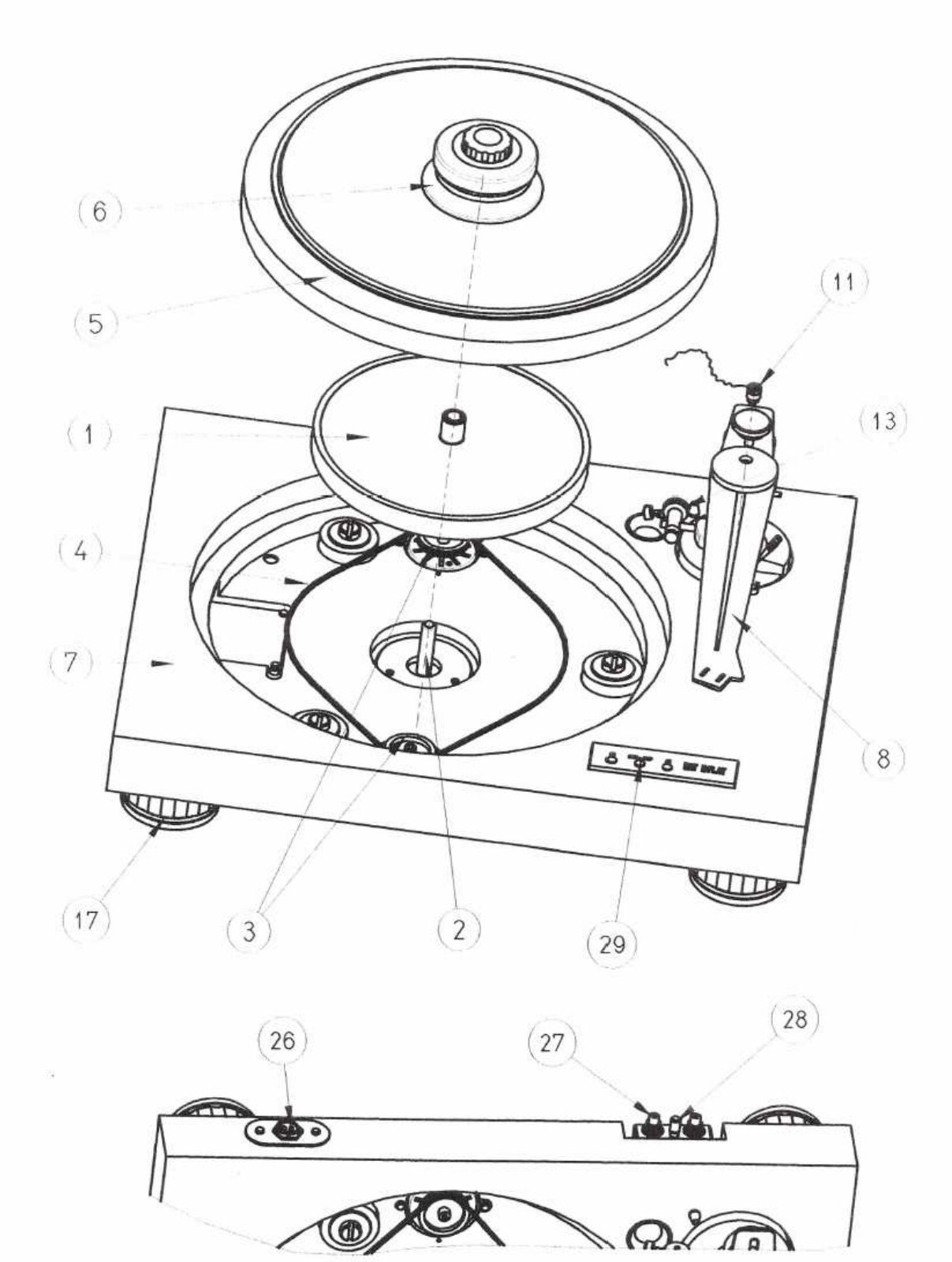
28 Grounding terminal for signal cable

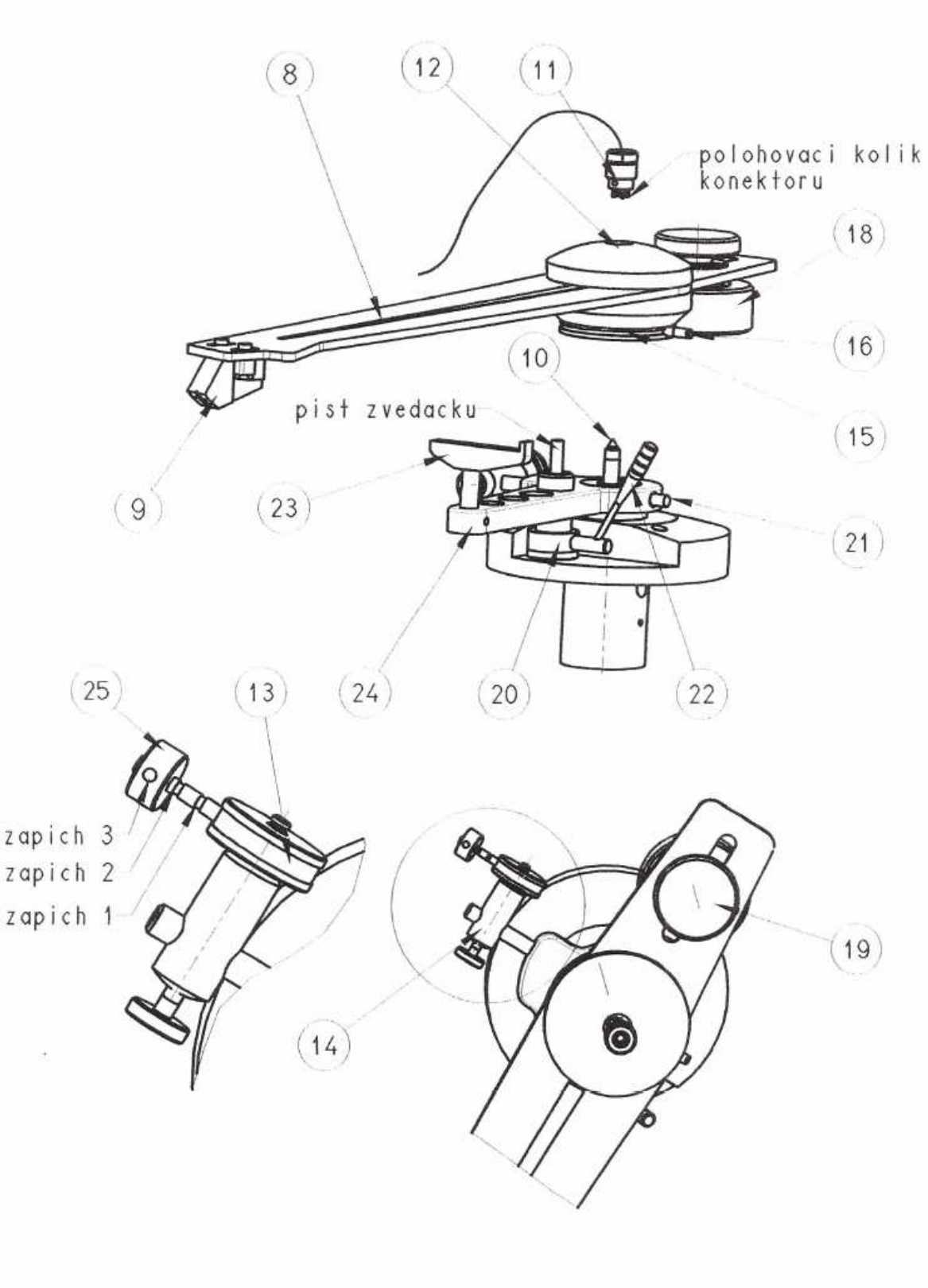
29 User panel

The device is shipped partially disassembled in order to avoid
damage to sensitive parts.
Please, double-check immediately after receiving it if the packaging and the device were not damaged during the transportation.
If damaged please do not operate.

Compare the data for the electrical connection on the type plate of the turntable
with your network data. Data must be compatible to prevent damage to the turntable.

Warning of a hazard for the user, the unit or possible misuse.


6
5
1
4
7
17
3
2
29
11
13
8
26
27
28


8
12
11
polohovaci kolik konektoru
18
16
10
pist zvedacku
15
9
23
21
25
13
24
20
22
zapich 3
zapich 2
zapich 1
19
14

Before Using

Assembly the turntable from the parts that are inside of the package!

Remove the cover protection from the Sub Platter Shaft (2) and check if there is enough grease. You will find the additional grease in the accessories if the shaft is not enough lubricated. Place the Sub Platter (1) on the Shaft (2). Place the Drive Belt (4) on the Pulley of both Motors (3). You need to install the Tightening Disc (6) to the Platter (5) by screwing it to the thread of the platter pin. After you successfully installed the Tightening disc to the platter and disc is holding firmly on the platter you can install the platter. Hold the Tightening disc while centering the Platter (5) into the hole of the turntable chassis (7) and install the Platter (5) on the Sub Pletter (1). In the next step assembly the Tonearm (8) that you find in the accessories box inside of the packaging.

Mounting of the Cartridge (9) to the Tonearm (8):

If you purchased one of our EAT cartridges please install it to the flat carbon tonearm now. Install screws that are part of the cartridge box into the oval holes of the tonearm and fix it into the cartridge holes from the bottom side of the carbon tonearm. Connect the cartridge system with the Tonearm cables:

- White Left channel L+
- Red Right channel R+
- Green Right channel R-
- Blue left channel L-

Now the tonearm is prepared. Install prepared tonearm on the tip of the Tonearm pivot point (10). Install the Isolation connector (11) of the tonearm output to the Plug of the isolating connector(12). Be sure that it is properly inserted. The locating pin of the connector is facing to the counterweight of the tonearm. After inserting secure the isolation connector by fully tightening of the union nut. It remains to complete the Antiscating disc(13)with hanging nylon hair that is ended by a small eye on one end. Antiscating disc (13) set on the pin of the antiscating rider (14). Belt up the antiscating hair in the groove around the perimeter of the Hang up (15) and the eye of the antiscating hair hook to the Fixing screw (16). You tighten fixing screw (16) in to the thread of the suspention.

Operation and adjusting of the turntable

Turntable unit must be in the perfect straight position. This we will achieve by Adjustable feet (17). Set up the height and the levelling of the chassis by turning the feet to the left side

or right. By turning the feet to the right, the chassis will raise; turning the feet to the left will lower the turntable. You can check the level by the levelling gauge if you have one.

Setting of the vertical force on the pickup stylus.

The value of the vertical force is recommended value of the cartridge. You will find it in the technical description of your cartridge.

For cartridge up to 10g weight you should use Counterweight (18) already mounted on the tonearm.

Ease up the counterweight matrix (19) to adjust the required vertical force. Cartridge with the weight more than 10 grams use the other counterweight that you find in the accessories box.

Setting VTA (parallelism of the tonearm tube with the vinyl record)

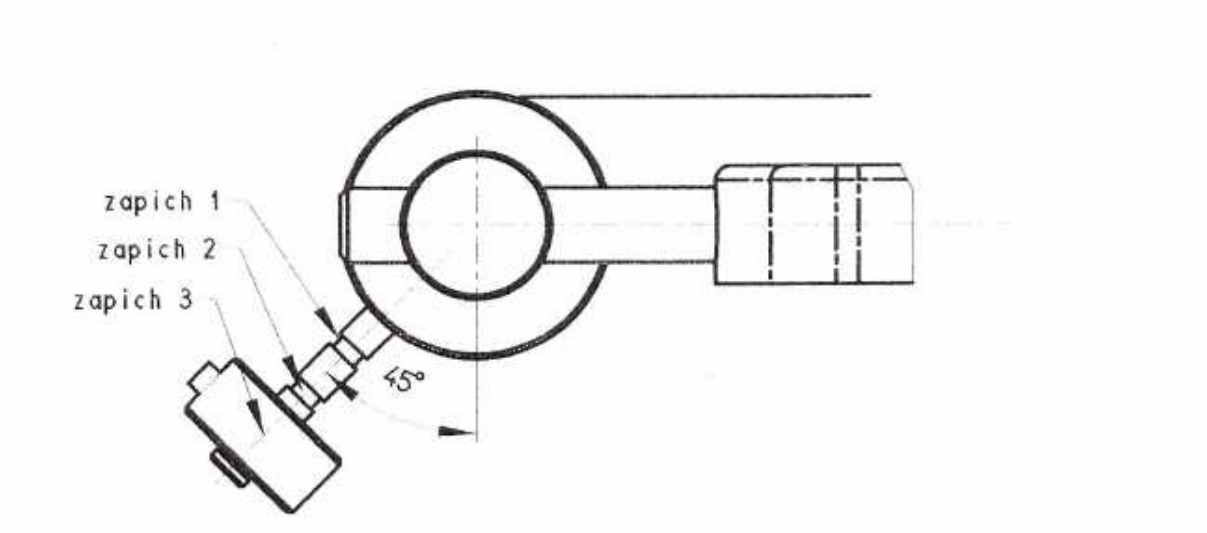
Tonearm is from the factory preinstalled for the cartridge Blue Point (17mm).

To correct the VTA for the required level please follow our instruction below:

Sink down the tonearm by the Tonearm lift (20) direct to the vinyl record in a place where the groove is closing. Loose the VTA building screw (21). This way you enable the hang up in the vertical direction. By holding the Antiscating Hang up (15), by pressing or releasing you will set the required level, than you tighten the building screw (21). Now you check the correct function of the tonearm lift. By the lifted lever(22) must tonearm securely sit on the Tonearm Support (23). If the Tonearm does not reach the level of the Tonearm support(23) than you can change the Jack Holder (24) position.

You set the cartridge system with protractor.

Turntable Antiscating and its adjustment.



With help of the Antiscating rider (14) you can adjust the position of the tonearm antiscating weight cca 45°

For the vertical force of the stylus:

up to 13mN - use position of the counterweight in Stuck Nr. 1

13-18mN – use position of the counterweight in Suck Nr. 2

18-25mN- use position of the counterweight in Stuck Nr. 3

*Stuck = Zápich

Connecting of the turntable

We use the switching power supply 90-246V AC, 47-63Hz

Plug the flex cord into the power plug. Input from the source that is ended by 4 –pin connector plug into the Grounding terminal of the signal cable (28). On the user panel (29) will light up the green button.

Connecting of the turntable output

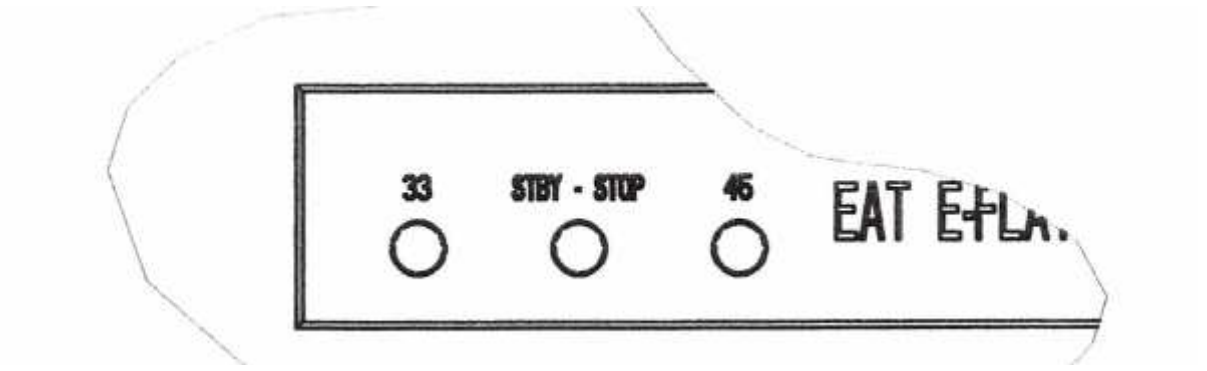
The signal cable that you find in the accessories of the turntable connect by the Chinch connectors into the Signal output box (27). Make sure that the colours are connected on the right place:

- R red channel

- L white channel

Grounding cable connect to the Grounding Terminal (28).

Operating the turntable



If your turntable is connected to the power, than on the User Panel (29) will light the green light – button STBY-STOP.

By pressing the button 33 or 45 you will choose the required speed to reproduction of the record vinyl. The button will start to blink and after the reaching the right speed will light constantly.

To stop the turntable you press button STNBY-STOP.

As a safety precaution, always disconnect the record player from the mains power supply before maintenance!

Technical specifications EAT E-Flat

* Electronic speed change	* 33.33/* 45.11
Speed variance	±0.09%
Wow and flutter	±0.01%
Signal-to-noise ratio	-73dB
Dimensions of the turntable	500x400x100mm (WxHxD)
Dimensions of the transport box	710x365x590mm
Turntable weight	18,7kg
Weight	42kg - turntable including the wooden transport box
Chassis material	MDF
Belt Material	silicone rubber
Motor	2x synchronized controlled by microprocessor
Drive: belt	
Speed changer	electronically, illuminating buttons
Platter	Aluminium-Magnesium, diameter 340mm, weight 6,9kg, damped
Input:	20W DC
Outboard power supply	switching power supply, (100-240VAC, 50-60Hz)
Tonearm	Flat, carbon
Effective length	254mm, 10 inch
Effective mass	4mm 19.5g
	3mm 12.5g
Mounting distance	238mm
Overhang	16mm
Range of adjustment for vertical force on stylus	0-3g
Angel	24°

Useful tips

The base and the record player should be positioned on a low-resonance surface, such as wood or multiple-layer ply board, to avoid structural vibrations disturbing replay.

Mains power connection

The turntable is supplied with a power supply suitable for your country's mains supply. Check the label before connecting to ensure compliance with the mains rating in your home.

If the player is not used over a long period of time, the drive belt can be removed to prevent undesired stretching.

Service

Should you encounter a problem which you are not able to correct or identify despite the above information, please contact your dealer for further advice. Only when the problem cannot be resolved there should the unit be sent to the distributor in your country.

Guarantee repairs will only be affected if the unit is returned correctly packaged. For this reason we recommend keeping the original packaging. Transport of the originally packed unit is possible only on the additional palette.

Never return a record player without making sure that is it safely disassembled and correctly packaged in the original packaging. Please remove these parts and pack them separately: feet, counterweight, platter, cartridge and belt. Fit the cartridge protection cap. Insert the transport lock for the tonearm prior to carefully packaging the record player.

Warranty

The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use and/or by transportation without the original packaging. Modification or change to any part of the product by unauthorised persons release the manufacturer from any liability over and above the lawful rights of the customer.

EAT EuroAudioTeam is a Registered Trademark of Jozefina Lichtenegger.

Copyright © 2010. All rights reserved.

The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.